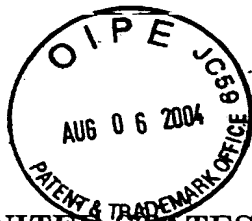


P4749.D1



EPN

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Osamu Miyazawa, et al.

Group Art Unit: 2841

Serial No.: 10/771,786

Examiner: Not Yet Assigned

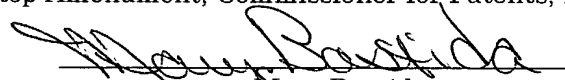
Filed: February 4, 2004

Title: Piezoelectric Actuator, Timepiece, and Portable Device

**CERTIFICATE OF MAILING**

I hereby certify that this Information Disclosure Statement and the documents attached hereto, are being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: August 3, 2004

  
Mary Bastida

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56, and in accordance with the practice under 37 C.F.R. §1.97 and §1.98, the Examiner's attention is directed to the document(s) listed on the enclosed Form PTO-1449. A copy of each listed document is enclosed, except, in the case where this application is filed after June 30, 2003, copies of any U.S. patents and U.S. patent application publications are not enclosed.

This Information Disclosure Statement is being filed within three months of the U.S. filing date or before the mailing date of a first Office Action on the merits. No statement or fee is required (37 CFR §1.97(b)).

**CONCLUSION**

The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any over-payment to Deposit Account No.: 19-2746.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

Respectfully submitted,



Rosalio Haro  
Registration No. 42,633

Please address all correspondence to:

Epson Research and Development, Inc.  
Intellectual Property Department  
150 River Oaks Parkway, Suite 225  
San Jose, CA 95134  
Customer No. 20178  
Phone: (408) 952-6000  
Facsimile: (408) 954-9058  
Date: August 3, 2004

Form PTO-1449 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 1 OF 1	SERIAL NO. 10/771,786	ATTY DOCKET NO. P4749.D1
	APPLICANT Osamu Miyazawa, et al.	
	FILING DATE February 4, 2004	GROUP 2841

**U.S. PATENT DOCUMENTS**

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	5,162,692	Nov. 10, 1992	Fujimura			
AB	4,232,510	11 Nov. 1980	Tamaru et al.			
AC						
AD						
AE						
AF						
AG						
AH						



**FOREIGN PATENT DOCUMENTS**

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
AI	25 30 045	5 Feb. 1976	DE			
AJ	39 20 726	4 Jan. 1990	DE			Corresponds to US 5,162,692
AK	33 09 239	20 Sept. 1984	DE			
AL	0 731 514	11 Sept. 1996	EP			Corresponds to US 4,232,519
AM	14 88 698	19 June 1969	DE			
AN	38 33 342	5 Apr. 1990	DE			

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	AO	Anger H H: "Piezokeramische Vibromotoren", FEINGERAETETECHNIK, 1983, East Germany, vol. 32, no. 10, pages 470-473, XP001181520, ISSN: 0014-9683
	AP	K. Nishibori, et al., "PWM Driving Characteristics of Robot Hand with Fingers Using Vibration-Type Ultrasonic Motors" Proceedings of the IECON '97: 23 <sup>rd</sup> International Conference on Industrial Electronics, Control, And Instrumentation, New Orleans,
EXAMINER		DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.